

[illegible]

FIGURE 3

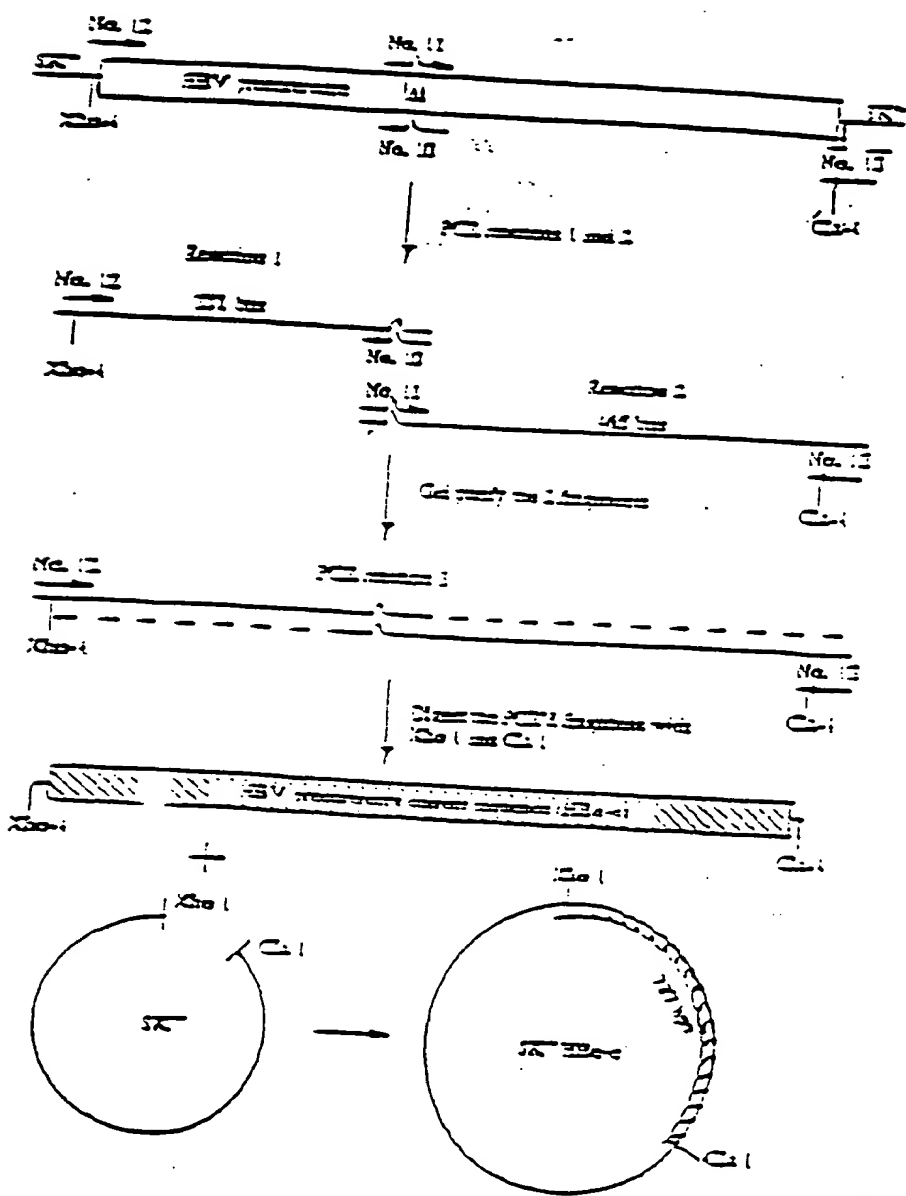


FIGURE 4



FIGURE 5

ELISA for HBe				ELISA for HB core	
Sample Supernatant	ng/ml* (Incstar)	Sample Lysate	ng/ml* (Incstar)	Sample Lysate	ng/ml** (Abbott)
3C10ME	0.0	BC10ME	0.0	BC10ME	0
3C/HBe 1-10	38.0	BC/HBe 1-10	24.8	BC core 6621	750
3L/6	0.0	BL/6	0.0	BL/6	0
3L/6/HBe 1-12	27.2	BL/6/HBe 1-12	26.0	BL/6 core 6625	100
MTK-	0.0	LMTK-	0.0	LMTK	0
LM/HBe 1-3	24.8	LM/HBe 1-3	18.1	LM core 1-2	250
EA2/K ^b	0.0			EA2/K ^b	0
EA2/K ^b /HBe 2-1	24.8			EA2/K ^b core 1-2	38
JA2/K ^b	0.0			JA2/K ^b	0
JA2/K ^b /HBe 2-3	22.4			JA2/K ^b core 10-1	200

Standard: rHBeAg (Biogen)

* Standard: rHBcAg (Biogen)

FIGURE 6

IMMUNOPRECIPITATION/WESTERN BLOT

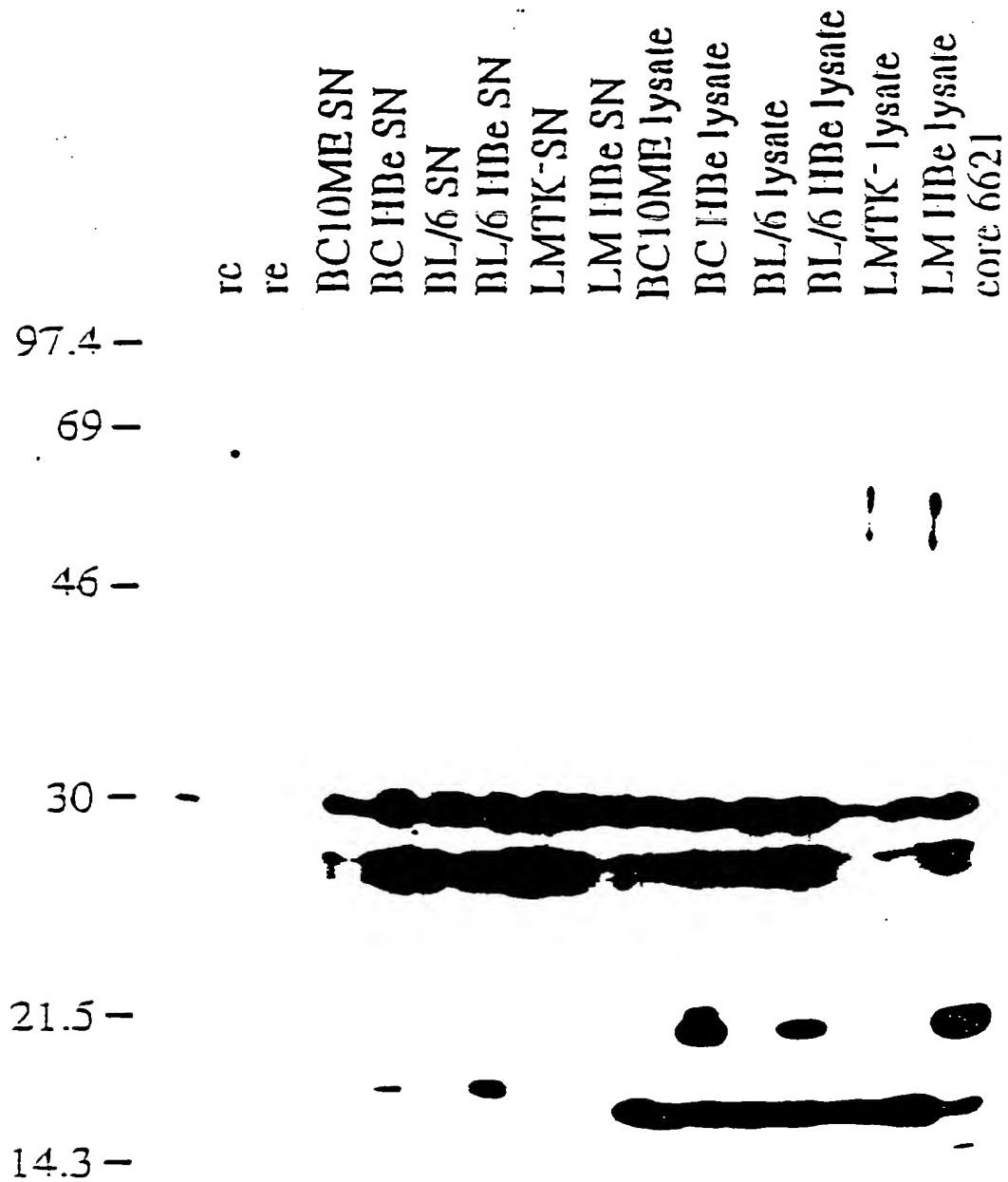


FIGURE 7

Antibody Responses to HBcore

No. of I.M. Injections (2 sites)	IgG Titer to HBcore
2	640 160 2560 40 160
4	640 640 2560 640 640
6	2560 2560 2560 640 2560

010-01/A0 Resp to HBc ore

FIGURE 8

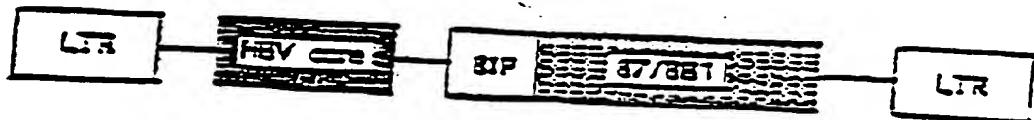
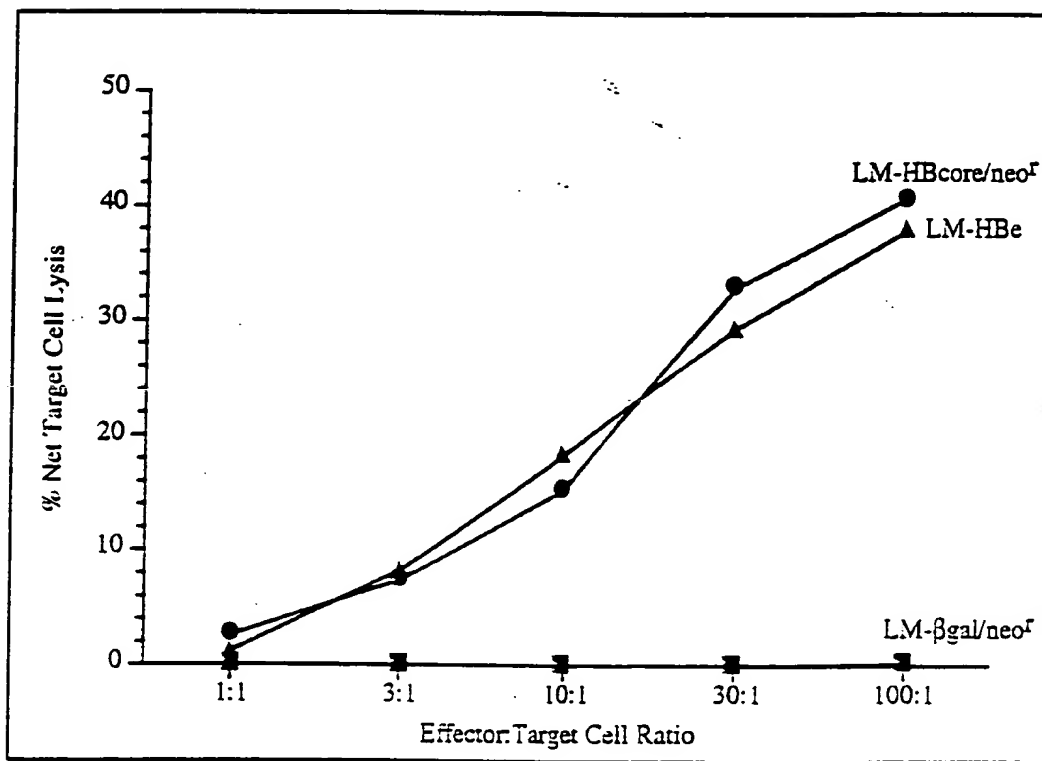


FIGURE 9

Murine CTL Response to HBcore and HBe

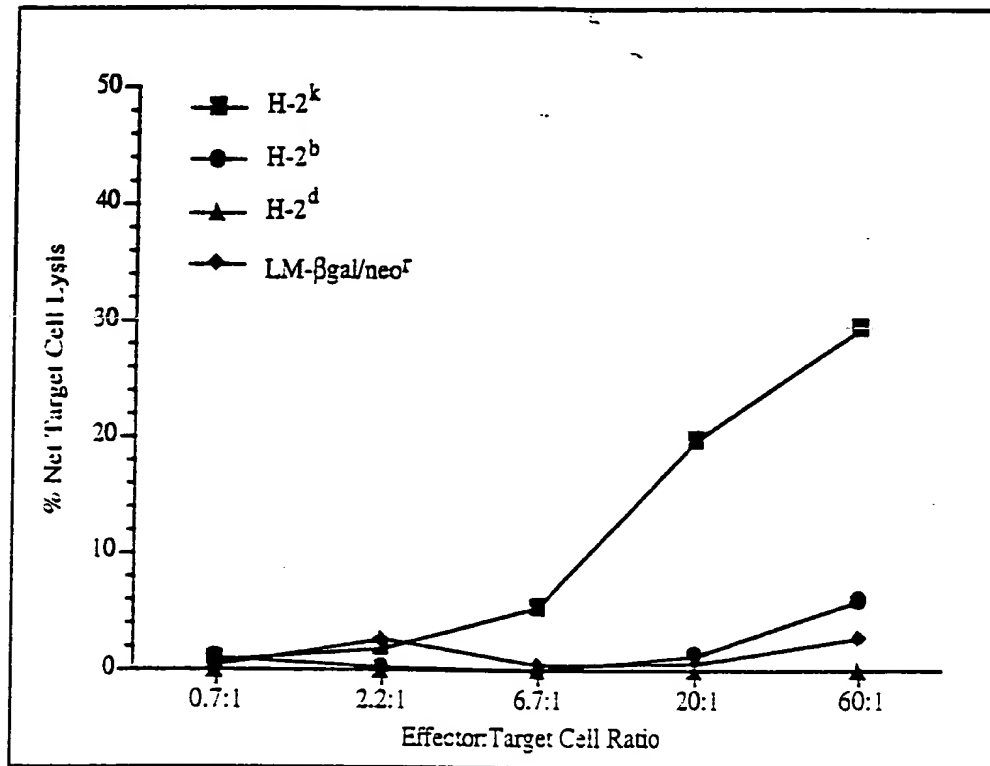


448-01/C/H/7a

515-02/CTL Response

FIGURE 10

MHC Class I Restriction of CTL Response



514-02/CTL Response

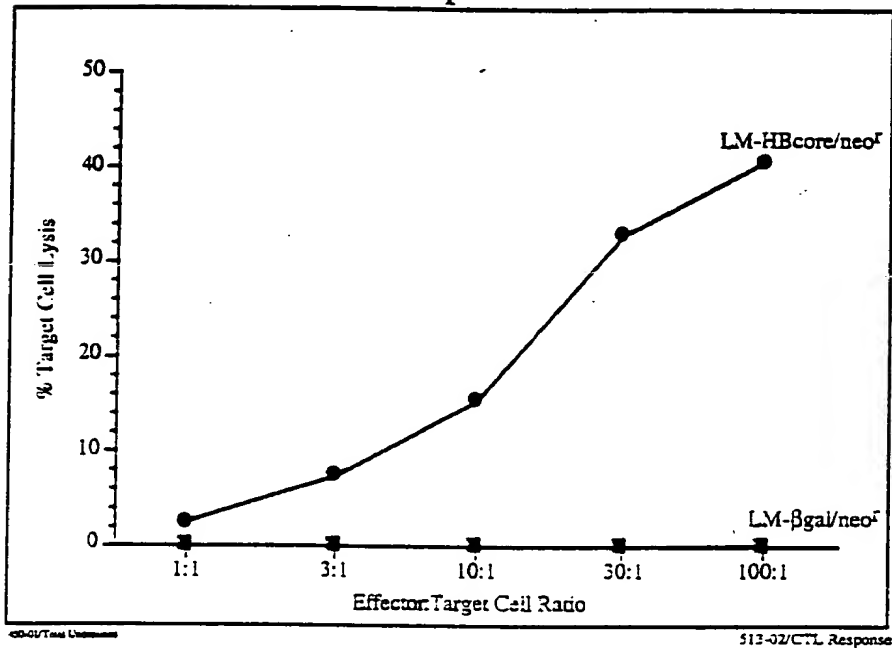
514-02/CTL Response

FIGURE 11

Murine CTL Response is CD8⁺ and CD4⁻

A.

CD4-Depleted Cells



B.

CD8-Depleted Cells

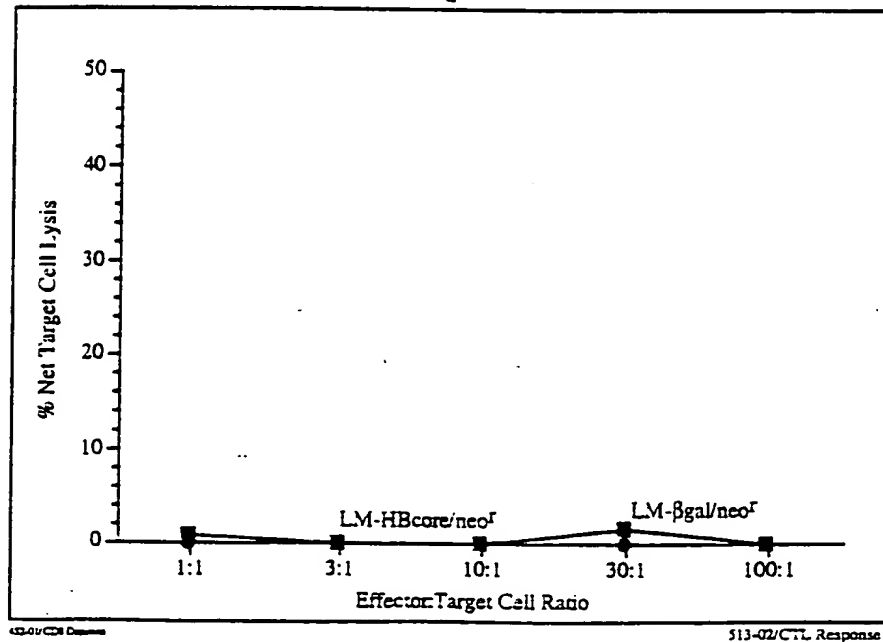


Figure 12

Ab Isotype Titers in C3H/He Mice Immunized with Formulated Vectors

# of Ins. IMI (2 sites)	Formulated Vector	Anti-HBc/HBe					
		IgG	G ₁	G ₂	G _{2h}	G ₃	CTL
x2	Core 6A3	2560	40	10,240	40	0	+
x6	Core 6A3	2560	2560	10,240	160	0	+
x4	Precore/e5A 2	640	640	40	0	0	-

FIGURE 13

Macaque CTL Response to HBcore and HBe

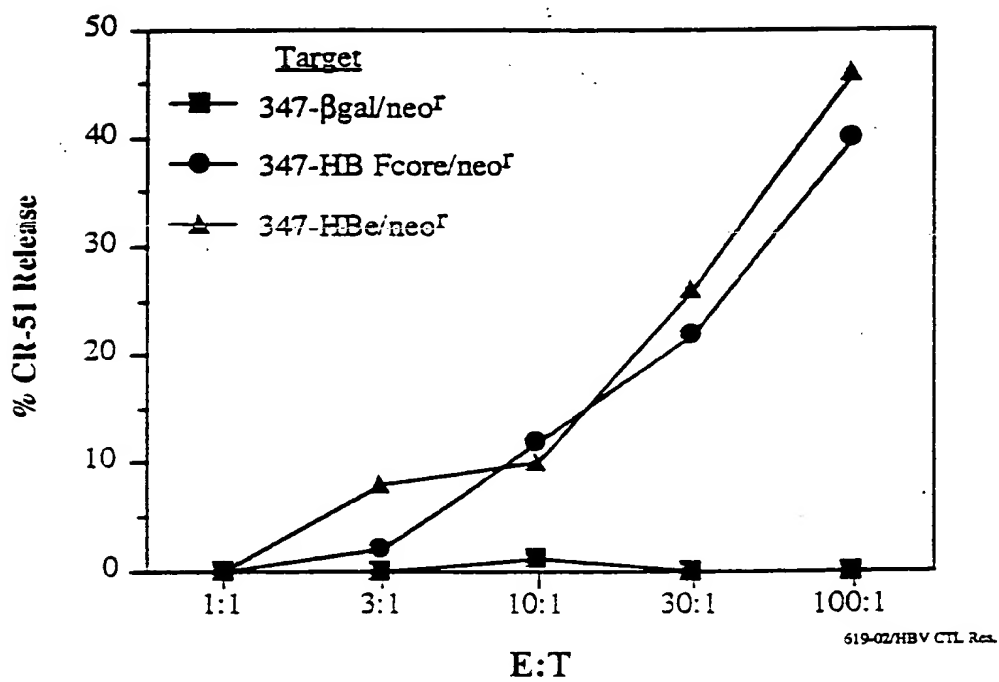
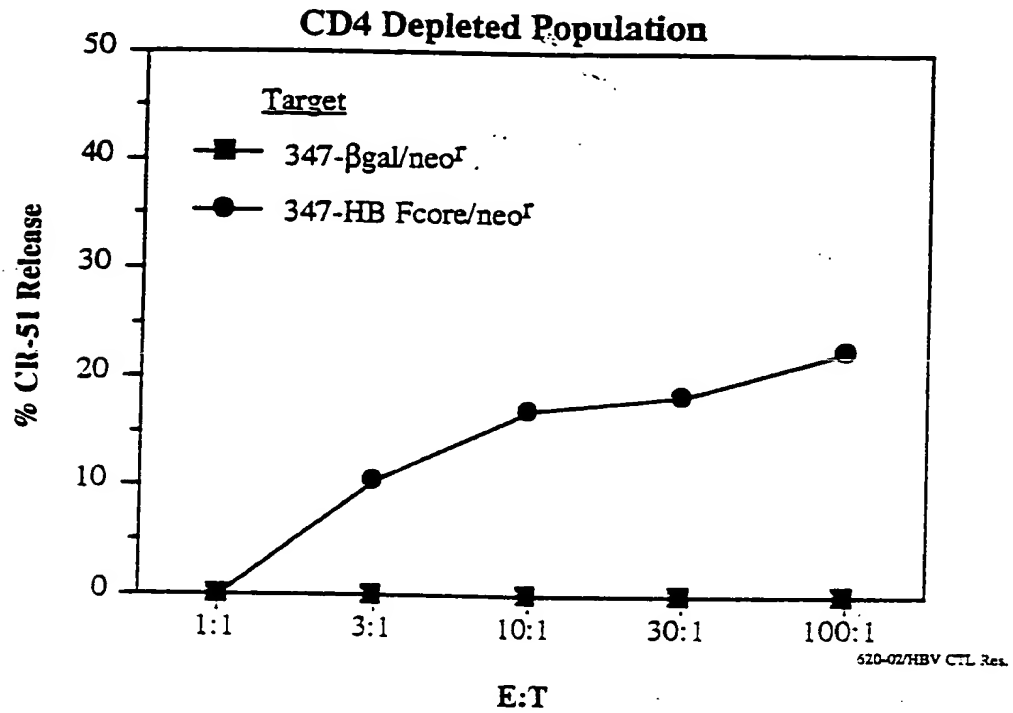


FIGURE 14

Macaque CTL Response is CD8⁺ and CD4⁻

A.



B.

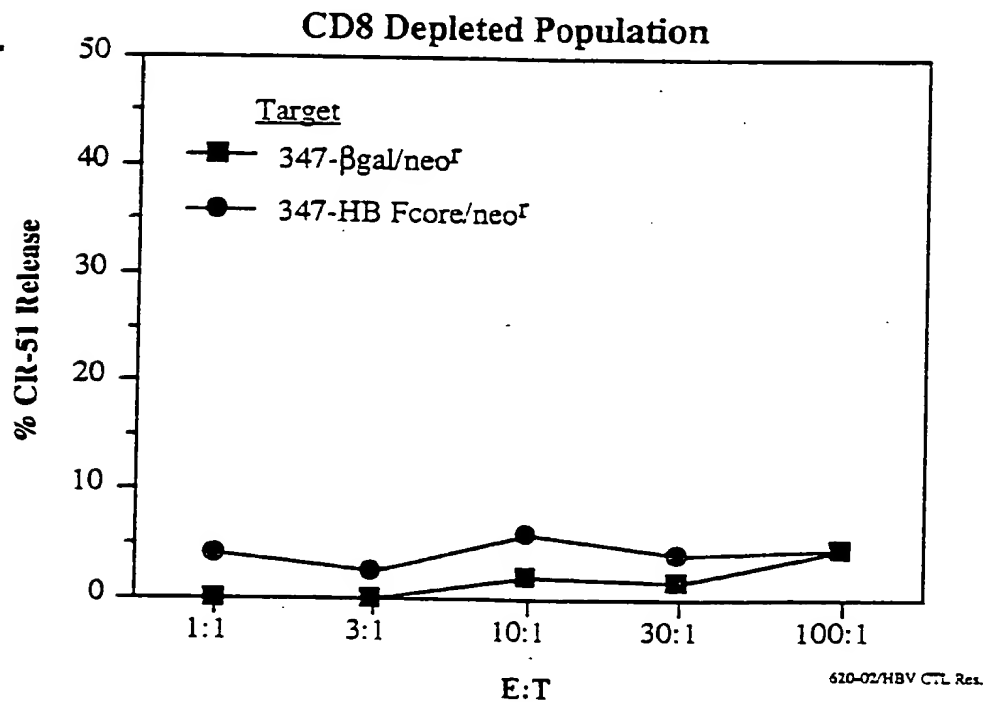


FIGURE 15

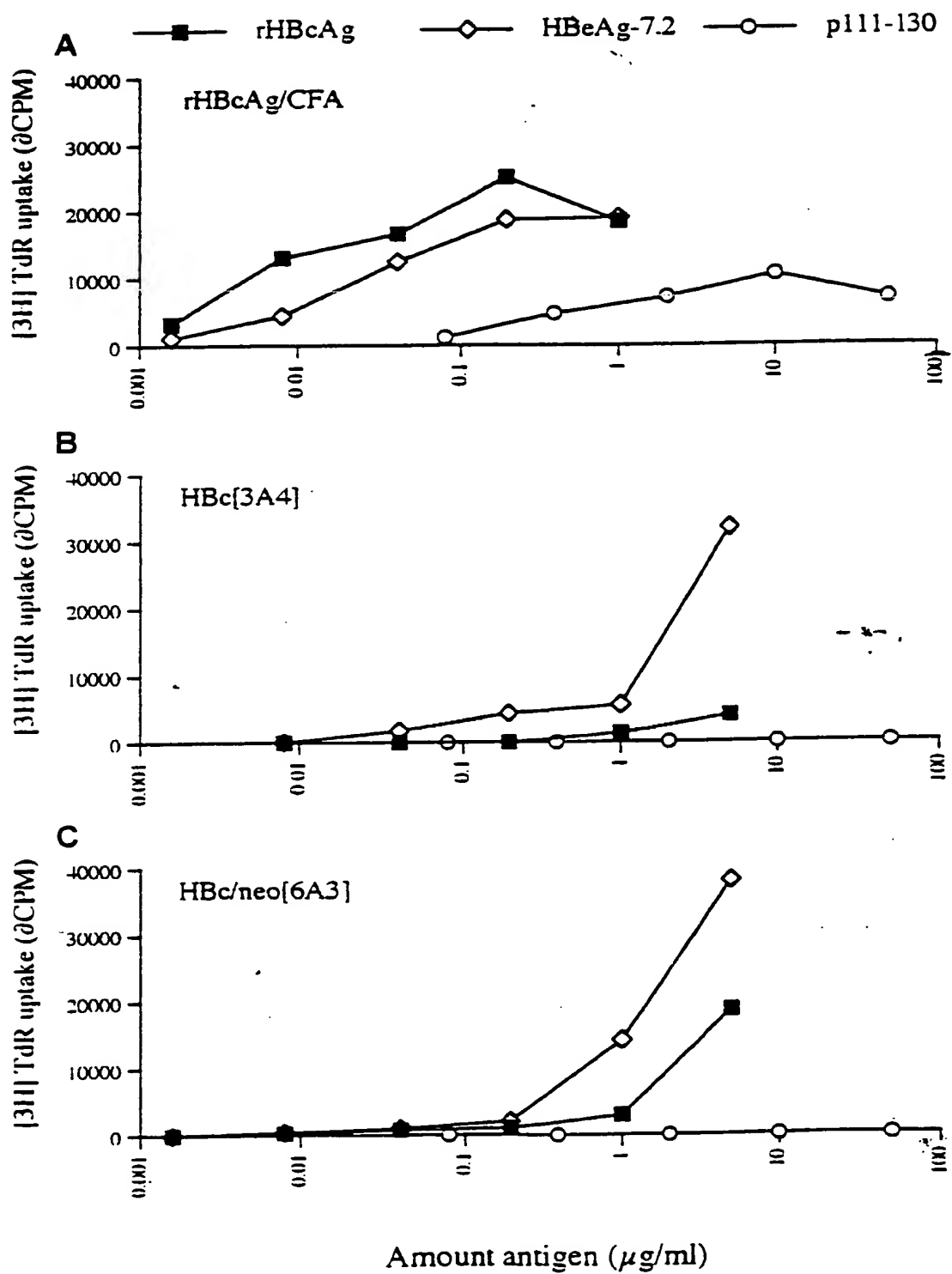
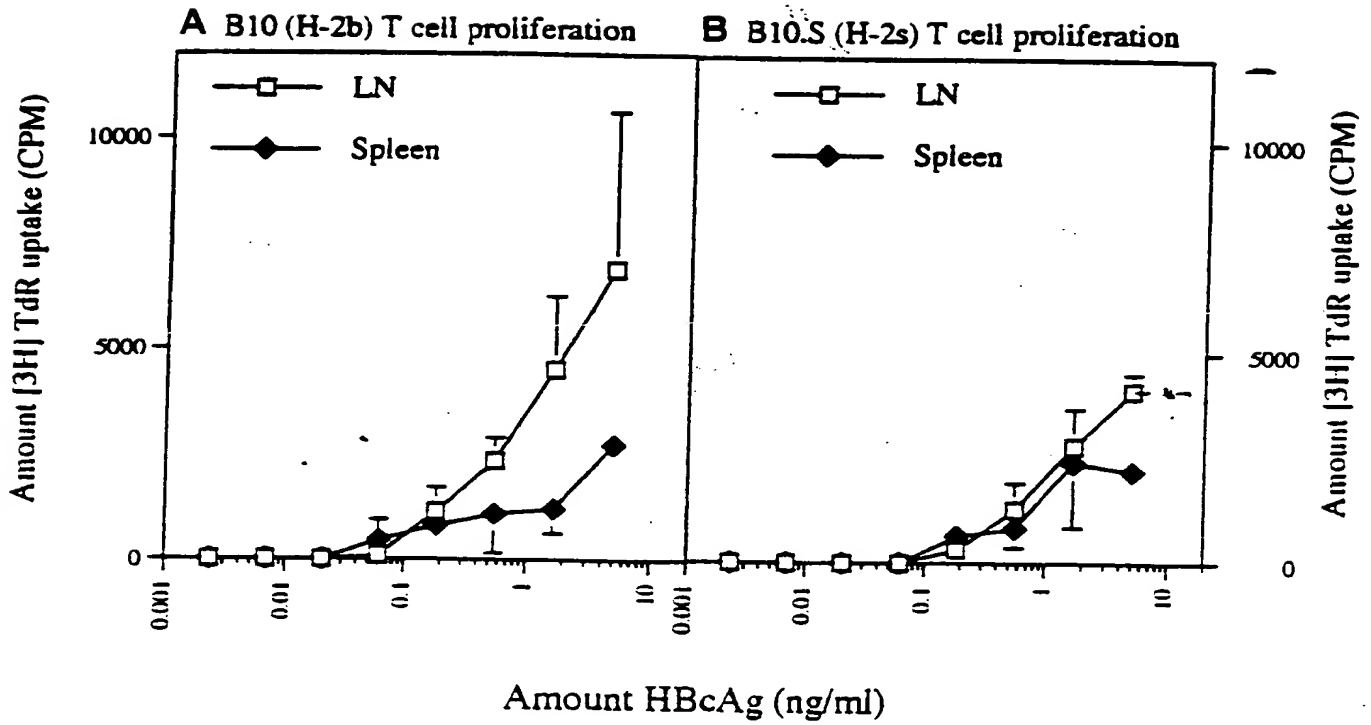


FIGURE 16



C Splenic cytokine mRNA

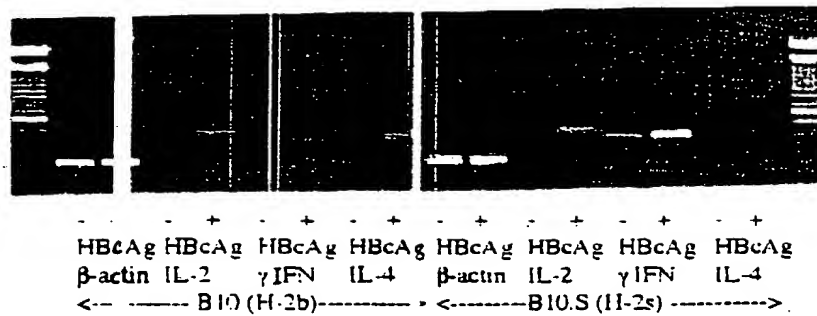


FIGURE 17

